		Adventures in Aero	nautics
		2005 Science	
		Curriculum Frame	ework
Arkansas Science			
Grade 3			
Activity/Lesson	State	Standards	
			Estimate and measure length, mass,
Adventures in			temperature, and elapsed time using
Aeronautics	AR	SCI.3.NS.1.3.5	International System of Units (SI)
		Adventures in Aero 2005 Science	
		Curriculum Frame	
Arkansas Science		- Carriculani i iani	Work
Grade 4			
Activity/Lesson	State	Standards	
Activity/Ec33011	Otate	Otanidards	Estimate and measure length, mass,
Adventures in			temperature, capacity/volume, and elapsed time
Aeronautics	AR	SCI.4.NS.1.4.6	using International System of Units (SI)
Adventures in	AIX	301.4.110.11.4.0	Investigate the relationship between force and
Aeronautics	AR	SCI.4.PS.6.4.1	direction
Adventures in	AIX	301.4.1 3.0.4.1	Investigate the relationship between force and
Aeronautics	AR	SCI.4.PS.6.4.2	mass
Acionaulics	AIX	301.4.1 3.0.4.2	mass
		Adventures in Aero	nautics
		2005 Science	9
		Curriculum Frame	ework
Arkansas Science			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in			Investigate careers, scientists, and historical
Aeronautics	AR	SCI.5.LS.2.5.11	breakthroughs related to cells
			Investigate careers, scientists, and historical
Adventures in			breakthroughs related to populations and
Aeronautics	AR	SCI.5.LS.4.5.18	
			Investigate scientists, careers, and historical
Adventures in			breakthroughs related to physical properties,
Aeronautics	AR	SCI.5.PS.5.5.10	physical changes, and states of matter
			Investigate careers, scientists, and historical
Adventures in			breakthroughs related to simple machines and
Aeronautics	AR	SCI.5.PS.6.5.7	potential and kinetic energy
Adventures in			Investigate careers, scientists, and historical
Aeronautics	AR	SCI.5.PS.7.5.6	breakthroughs related to light energy
Adventures in		SCI.5.ESS.8.5.1	Investigate careers, scientists, and historical
Aeronautics	AR	0	breakthroughs related to minerals and rocks
Adventures in		SCI.5.ESS	
Aeronautics	AR	10.5.4	Distinguish between mass and weight
			Compare the human body's mass to weight on
Adventures in		SCI.5.ESS.10.5.	Earth, the moon, and other planets in our solar
Aeronautics	AR	5	system
Adventures in		SCI.5.ESS.10.5.	Investigate careers, scientists, and historical
Aeronautics	AR	6	breakthroughs related to planets